

HP

PATENT APPLICATION
Do. No. 1420-2

2643

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of: David William House

Serial No. 09/478,136

Group No. 3738 – Now Assigned To 2643

Filed: January 5, 2000

Examiner: D. Harvey

Title: **COCHLEAR IMPLANTS WITH A STIMULUS IN THE HUMAN
ULTRASONIC RANGE AND METHOD FOR STIMULATING A COCHLEA**

RECEIVED

BOX NON-FEE AMENDMENT
Assistant Commissioner for Patents
Washington, D.C. 20231

JUL 20 2001

Technology Center 2600

Responsive to the Office Action dated April 11, 2001, enclosed is an amendment in the above-identified application.

The fee has been calculated as shown below.

CLAIMS AS AMENDED					
For:	Number After Amendment	Previous Number	Extra	Rate	Additional Fee
Total Claims	12-20	18-20*	0	x \$ 9 =	\$0
Independent Claims	2	3-3**	0	x \$40 =	\$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$ 0

*greater of twenty (20) or number for which fee has been paid

**greater of three (3) or number for which fee has been paid

- ☐ Applicant petitions the Commissioner to extend the time for response. The extension fee is included and a duplicate copy of this form is enclosed.
- ☐ A check for \$ is enclosed.
- ☐ PTO Form 2038 authorizing credit card payment for the above-listed fees is enclosed.
- ☒ Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



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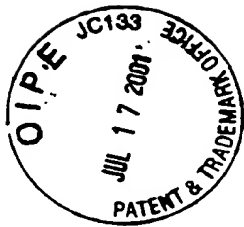
PATENT TRADEMARK OFFICE

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#5/Amdt A
7/20/01
A-T entered
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RESPONSE TO OFFICE ACTION

Responsive to the Office Action, dated April 11, 2001, please amend the
application as follows.

IN THE CLAIMS

Please cancel claims 13-18 without prejudice.

All pending claims as finalized whether amended or not read as follows:

AI
SUB C-1
1. (Once Amended) A method for stimulating a human cochlea in
response to a sound, comprising:
generating an electrical sound signal in response to the sound;
generating an electrical analog carrier signal having a frequency greater than
20 kHz;
modulating the carrier signal with the sound signal to generate a modulated
signal; and
applying the carrier signal and the modulated signal to an electrode that is
coupled with the cochlea such that carrier signal is applied to the cochlea.